

CONFIDENTIAL

DECLASS REVIEW by NIMA/DOD

NPIC/P&DS/356-65
7 October 1965

MEMORANDUM FOR: Chief, Support Staff, NPIC
ATTENTION: Chief, Logistics Branch
SUBJECT: Environment of [REDACTED] Fiber Optic Viewer
REFERENCE: PAG Memo, IPO/CSB/M-41-65, dated 10 September 1965

25X1A

1. The installation information sheet given to the Logistics Branch by the Plans and Development Staff stated a requirement for a one-micron particle size air-conditioning capability for proper operation of the fiber optic viewer. The referenced PAG memo stated that since no mensuration capability is present in the instrument the present air-conditioning system is adequate. The Logistics Branch has requested our comments.

2. The manufacturer recommends a one-micron maximum particle size because of the precision ways and ball screws used in the instrument. These close tolerances on dust become critical when the machine is used for mensuration; however, this machine is not currently fitted with the required encoders and electronic interface equipment.

3. From a practical standpoint, there appears to be little that can be gained in the present installation by limiting the air-conditioning particle size while neglecting other equally important clean room procedures. Therefore, the current system should be adequate for the immediate future.

4. Nevertheless, it should be realized that while the present instrument has no mensuration capability, it can be easily added at a reasonable cost. In fact, at recent briefings on the viewer, many PAG personnel have indicated that this would be desirable. If, in the future, this mensuration feature is added, the particle size will become critical and the viewer must be operated under more stringent particle size control.

25X1A

Assistant for Plans and Development

Distribution:

Orig & 1 - Addressee

CONFIDENTIAL

25X1A

Approved For Release 2002/01/02 : CIA-RDP78B04747A002100090043-3
NPIC/P&DS: [REDACTED] pnf/ [REDACTED] (7 Oct 65)

04747A002100090043-3 - DB/P&DS

25X1A

5X1A